TEXAS DEPARTMENT OF INSURANCE

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PRODUCT EVALUATION Effective August 1, 2011
WIN-548

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**. This product shall be subject to reevaluation **May 2014**.*

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Series 06-05 Vinyl Fixed Windows, Individual, New Construction, Non-impact Resistant, manufactured by

Simonton Building Products, Inc.
One Cochrane Avenue
Pennsboro, WV 26415-9403
Telephone (800) 426-2249

and marketed under the following names:

Simoton Impressions 9400
Amcraft Grand Estates New Construction
Profinish Contractor

will be acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

The vinyl fixed windows evaluated in this report are individual, non-impact resistant windows. The vinyl fixed windows specified in this report are based on the following tested constructions:

General Description:

System	Description	Label Rating
1	Series 06-05 Individual Fixed Windows; (O)	F-R45 108 x 48 Series 06-05 PD Picture
2	Series 06-05 Individual Fixed Windows; (O)	F-R50 48 x 96 Series 06-05 Sidelite

Product Dimensions:

System	Overall Size
1	108" x 48"
2	48" x 96"

Glazing Description:

System	Glass Construction [1]	Glazing Method [2]
1	IG-1	GM-1
2	IG-1	GM-1

Note: [1] See the "Glass Construction Key" for the glazing construction.
[2] See the "Glazing Method Key" for the glazing method description.

Glass Construction Key:

IG-1: Sealed insulating glass unit. The sealed insulating glass unit is comprised of two $\frac{3}{16}$" annealed monolithic glass lites separated by a desiccant-filled foam spacer system. The glass thickness and type used in the tested assembly and in smaller assemblies shall comply with ASTM E 1300-04.

Glazing Method Key:

GM-1: The insulating glass unit is set double-sided adhesive glazing tape. Vinyl dual durometer glazing beads are used to secure the insulating glass unit in place.

Frame Construction:

System 1: The frame members are manufactured from extruded vinyl (PVC). The frame corners are miter cut and welded construction.

System 2: The frame members are manufactured from extruded vinyl (PVC). The frame corners are miter cut and welded construction. The head and sill contain vinyl snap-in equal site-line adaptors. The sill contains a drop-in vinyl screen track.

Reinforcement: None.

Product Identification: A certification program label (**AAMA**) will be affixed to the window. The certification program label includes the manufacturer's code names (**SIM-1, 2 or 4**); product name: **Series: 06-05 PW Window**; performance characteristics; approved inspection agency (AAMA); and the applicable standard: AAMA/NWWDA 101/I.S.2./A440-05.

LIMITATIONS

Design pressures (DP):

System	Maximum Width (in.)	Maximum Height (in.)	Design Pressure (psf)
1	108	48	$\pm$ 45
2	48	96	$\pm$ 50

Impact Resistance: These window assemblies do not satisfy the Texas Department of Insurance's criteria for protection from windborne debris. These window assemblies will need to be protected with an impact protective system when installed in areas where windborne debris protection is required.

Acceptance of Smaller Assemblies: Windows assemblies with dimensions equal to or smaller than those specified above are acceptable within the limitations specified in this report.

Window Orientation (System 1): The maximum height and maximum width of the individual window assembly may be switched so that the window assembly can be oriented horizontally or vertically.

INSTALLATION INSTRUCTIONS

General: The window assembly shall be prepared and installed in accordance with the manufacturers recommended installation instructions. Detailed drawings are available from the manufacturer.

Installation:

System 1: The windows shall be fastened to minimum Spruce- Pine-Fir lumber using the nailing fin of the window with minimum No. 6 screws. The fasteners are spaced approximately 2 inches from each corner and approximately 9 inches on center along the perimeter of the window. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

System 2: The windows shall be fastened to minimum Spruce- Pine-Fir lumber using the nailing fin of the window with minimum No. 6 screws. The fasteners are started at each corner and located approximately 8 ½ inches on center along the perimeter of the window. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.